SONY

KDL-40SL150

40" BRAVIA® SL Series LCD TV

Key Features

- 16:9 Full HD 1080p Resolution Panel (1920x1080)
- Dynamic Contrast Ratio: 30,000:1
- BRAVIA Engine™ 2 fully digital video processor
- USB with photos and music
- 7 HD Inputs (HDMI x4/ Component x2/ PC x1)
- BRAVIA® Link compatibility
- BRAVIA® Sync capable[2]
- 24p True Cinema™ capable
- ACE (Advanced Contrast Enhancer)
- Light Sensor™ technology
- Favorites Menu
- VESA® compatible hole spacing
- ATSC™ /NTSC tuner with QAM[4]

Key Technologies

16:9 Full HD 1080p Resolution Panel (1920x1080) 16:9 Full HD 1080p resolution panel (1920x1080) accepts any HDTV signal and renders it with optimum resolution, so you can take full advantage of Blu-ray Disc™ players and Sony® PlayStation® 3 entertainment systems that can deliver 1080p content.

Dynamic contrast (30,000:1) ACE (Advanced Contrast Enhancer) involves real-time image processing that results in deep blacks in darker scenes, as well as fine details in shadows and other dark areas of the picture for a difference you can truly see.

USB with photos and music Connect your camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input to view photos on the big screen or control your latest music playlist.

HD input x 7 Get versatile HD connection options with seven HD inputs. Four HDMI™ inputs (up to 1080/60p capable)[1] let you connect a Sony® PlayStation® 3 entertainment system, Blu-ray Disc™ player, or any other HDMI-capable equipment and get uncompressed digital video and multi-channel digital audio on a single cable. An HD component input and an HD combo input (1080/60i capable) provide added HD-capable connectivity, and a PC input[3] (HD-15 pin) offers the added versatility of using your HDTV as a computer monitor.

BRAVIA Engine™ 2 fully digital video processor The BRAVIA Engine 2 fully digital video processor uses a collection of unique Sony® algorithms to significantly reduce noise, enhance overall image detail, and optimize contrast so every scene produces sharp, vibrant, life-like images.

BRAVIA® Sync™ capable BRAVIA Sync capability combines the one-touch access and control functionality of BRAVIA Theatre Sync™ with the ability to control CEC-enabled Sony® Handycam® camcorders and Cyber-shot® digital still cameras using the TV's remote and an on-screen display via HDMI connnector[2].

BRAVIA® Link compatibility BRAVIA Link compatibility expands your HDTV's capabilities by letting you connect optional BRAVIA Link modules, including the BRAVIA DVD Link, BRAVIA Wireless Link, and BRAVIA Input Link (all sold separately).

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Features

General

Closed Captions (CC): Analog, Digital
On-Screen Display: Traditional
Finish (Surface Color): Piano Black
BRAVIA® Link Module support: DMX-DVD; DMX-WL1; DMX-SW1

Display

Backlight Type: CCFL
Display Device: LCD

Video

Video Processing: BRAVIA Engine 2™ Technology
CineMotion® Reverse 3:2 Pulldown Technology: Yes
Game Mode: Yes
Wide Mode: Full, Normal, Wide Zoom, Zoom, Full Pixel
3D Comb Filter: Yes
Auto Wide: Yes
4:3 Default: Yes
24p True Cinema™ Technology: Yes
Picture Mode: Vivid, Standard, Cinema, Custom, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom
Advanced Contrast Enhancer (ACE): Yes

Audio

Digital Amplifier: Standard
Auto SAP: Yes
Auto Mute (on no signal): Yes
Steady Sound® Automatic Volume Control: Yes
Audio Out: Fixed
Stereo System: MTS
Dolby®: Dolby® Digital (for broadcasting)
Alternate Audio (Digital): Yes
SRS®: SRS® TruSurround XT®
Sound Mode: Clear Voice, Dynamic, Custom, Standard

Convenience

Channel Jump: Yes
Favorite Channel: Standard
Multiple Language Display: English, Spanish, French
Info Banner: PSIP / XDS
Sleep Timer: Yes
Input Skip: Manual
Channel Surf: Yes
Channel Block (with password): Yes
Edit Channel Labels: Yes
Label Inputs: Yes
ID-1 Detection: Yes
On/Off Timer: Yes
USB Application(s): Photo Viewer (JPEG), Music Player (MP3)
Theatre Mode (Theatre Button): Yes
Show/Hide Channels: Yes
Auto Shut-off: Yes
BRAVIA® Sync™ : Yes
Parental Control: Yes
BRAVIA® Sync™ Menu Button: Yes (on remote control)
Channel Labels: Yes
Auto Photo Mode: Via USB
On-Screen Clock: Yes
Picture Adjustments Lock: Yes
White Balance: RGB Gain/Bias
Start Up BRAVIA® Logo Display: Yes
Favorites Menu: Graphic

Specifications

Display

Viewing Angle (Right/Left): 178 (89/89)
Viewing Angle (Up/Down): 178 (89/89)
On-screen Contrast Ratio: 3,000:1
Dynamic Contrast Ratio: 30,000:1
Screen Size (measured diagonally): 40"
Native Resolution: 1920 x 1080
Display Resolution: 1920 x 1080p (Full HD)
Panel Bit: 8-bit
Aspect Ratio: 16:9
Color Range (u'v'): 90 % OF NTSC
Color Range (xy): 72% of NTSC

TV System

Tuner (Cable): Clear QAM
Tuner (Terrestrial): ATSC™ / NTSC
Channel Coverage: VHF: 2-13 UHF: 14-69 CATV (analog): 1-135 CATV (digital) : 1-135
TV System (Analog): M
Number of Tuners (Digital): 1(Hybrid)
TV System (Digital): ATSC
Color System: NTSC

Video

Video Signal: 1080/60p (HDMI™ / COMPONENT), 1080/60i, 1080/24p (HDMI™ ONLY), 720/60p, 480/60p, 480/60i

Audio

Audio Power Output: 20 W (10 W x 2)
Speakers (Total): 2
Speaker Configuration: 2.0

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear) (1 fixed, 1 selectable)
Composite Video Input(s): 2 (1 Side, 1 Rear (selectable))
Digital Audio Output(s): Optical Digital Output - 1 (Rear)
RF Connection Input(s): 1 (Rear)
S-Video Input(s): 1 (Side)
Analog Audio Input(s) (Total): 5 (2 Side, 3 Rear)
Audio Out: 1 (Rear)
HDMI™ Connection(s) (Total): 4 (3 Side / 1 Rear)
PC In (D-Sub) + Audio In (Stereo Mini): 1 (Side) see owner's manual for supported timings
USB 2.0: 1 (Side)
HDMI™ PC Input: Yes (see owner's manual for supported timings)
S-Video Detection: Yes
AC Power Input: 1 (Rear)
Analog Audio Input(s) for HDMI™ : 1 (Rear)
USB 1.1: 1 (Rear) (Service only)

Power

Power Consumption (in Standby): Less than 1W
Power Requirements (voltage): AC 120V
Power Requirements (frequency): 60HZ
Power Consumption (in Operation) max.: 200 W (max)

Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes
VESA® Hole Pitch: 300X300 M6/12-16MM

Service and Warranty Information

Limited Warranty Term: 1 Year Labor / 1 Year Parts
Online Instruction Manual (Reference Book): Yes

Energy Saving & Efficiency

LightSensor™ Technology: Yes
Power Saving Modes: Yes
Energy Star® compliant: Exceeds Energy Star® Version 3.0
Eco Settings: Yes
Dynamic Backlight Control: Yes
Backlight Off Mode: Yes
PC Power Management: Yes
Estimated Annual Energy Consumption (kWh): 284.96 kW
Power Consumption (On Mode) for Energy Star: 155 W (Energy Star® Version 3.0)
Power Consumption (Standby Mode) for Energy Star: 0.3 W

Dimensions

Weight: 40.8 lbs. (18.5kg) with pedestal; 37.1 lbs. (16.8kg) without pedestal
Measurements: 38 7/8 x 27 x 10 3/4 in (991 x 685 x 271mm) with pedestal; 38 7/8 x 25 1/4 x 3 3/4 in (991 x 639 x 93mm) without pedestal

Supplied Accessories

Remote Control RM-YD028
Batteries (Type AA x2)
AC Power Cord (attached)
Screws (for pedestal (4-SCREWS))
Operating Instructions
Quick Setup Guide
Warranty Card
Table Top Stand (separate, pre-assembled)

Optional Accessories

SU-WL500 Wallmount Bracket
BRAVIA® DVD Link
BRAVIA® Input Link
BRAVIA® Wireless Link

UPC Code: 027242753327

1. HDMI connector (sold separately) and equivalent display capability. 2. Works with other BRAVIA Sync or Theatre Sync™ -labeled home audio/video products when connected via HDMI. 3. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV user's manual and PC documentation for the supported resolutions. 4. Check with your local TV station or cable company for details on accessing or subscribing to HD content.

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Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

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